



**SPRINGFIELD  
ARMORY**

# Echelon Manual

Operation & Safety Manual

## **IMPORTANT SAFETY INFORMATION INSIDE**

Read this manual before handling this firearm. Keep this manual with your firearm and review it before each use.

Do not allow others to handle or fire your firearm until they have read this manual.

Transfer this manual with the firearm upon ownership change.

THIS MANUAL IS FOR ECHELON FIREARMS ONLY.

**Be a responsible firearm owner. Use it safely, store it securely, and always transfer a firearm responsibly and legally.**

# READ & UNDERSTAND THIS MANUAL.

This is an auto loading firearm. It is immediately loaded and ready to fire again after each shot until all cartridges loaded in magazine have been fired. The firearm is able to fire both with and without the magazine in place. **REMOVING THE MAGAZINE DOES NOT UNLOAD THE FIREARM NOR DOES IT ENGAGE A SAFETY. THE FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**

## ABOUT YOUR OWNER'S MANUAL

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This is an instruction booklet on how to operate this firearm with some basic safe handling rules. It does not attempt to provide information about using a firearm to defend yourself, how to hunt, or for competitive or target shooting. It is important to receive training from a competent firearms instructor prior to engaging in any of these activities. The National Rifle Association, your local or state authorities, or your firearm dealer may provide information regarding available instructors or training courses. If you have a license to carry concealed, never do so without prior instruction from a certified instructor. Using a firearm for self defense is a complex subject with dangers and risks for which you must be properly trained. Every safety rule has a reason behind it - read the rules carefully and understand why each is important for safety.

It is recommended that every person receive instructions from a competent firearms instructor before handling this or any other firearm.

**Know and obey all firearms laws and regulations, which may vary from city to city and state to state. Do not give a firearm to someone who is not allowed to own a firearm or who may use it for a criminal purpose.**

## USED FIREARMS

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If you purchased this firearm as a used firearm, have it inspected and tested by a competent pistolsmith before you use it. Firearms are sometimes altered and may require repair before they can be used safely.

## STORE FIREARMS SAFELY IN THE HOME

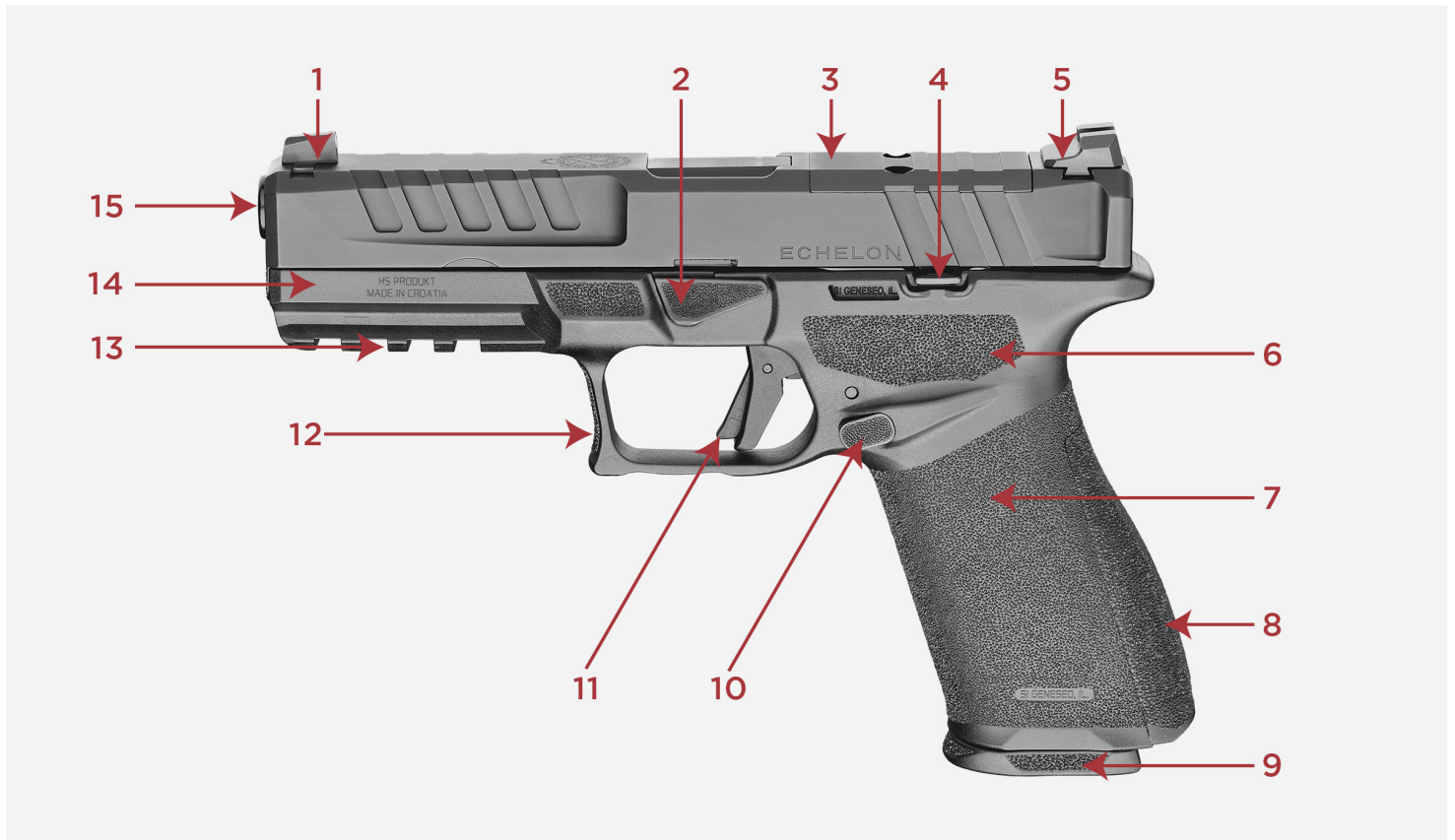
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Store firearms unloaded, locked and in a secure place. Obey firearm storage laws. Store firearms and ammunition separately. Because your children may be in other homes where firearms are stored, you should show them what to do if they see or find a firearm by showing them the Eddie Eagle video available from the NRA by calling (703) 267-1000.



**OBEY ALL FIREARMS LAWS WHEN BUYING AND SELLING FIREARMS. NEVER BUY A FIREARM INTENDING TO TRANSFER IT TO SOMEONE WHO IS PROHIBITED FROM OWNING FIREARMS. NEVER EVER BE A "STRAW PURCHASER."**

## **KNOW YOUR FIREARM**



Echelon - Know Your Firearm

- 1** Front Sight
- 2** Disassembly Lever
- 3** OSP™ Cover Plate
- 4** Ambidextrous Slide Stop Lever
- 5** Rear Sight
- 6** Thumb Rest
- 7** Frame
- 8** Backstrap

- 9 Magazine
- 10 Ambidextrous Magazine Release
- 11 Trigger w/ Safety
- 12 Trigger Guard
- 13 Light or Accessory Rail
- 14 Slide
- 15 Barrel

 **MAKE SURE THE FIREARM IS COMPLETELY UNLOADED**

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 **MAGAZINE REMOVED AND CHAMBER IS CLEAR.**

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 **NEVER ATTEMPT TO INSTALL SIGHTS WITH THE SLIDE ON THE FRAME.**

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## VARIABLE INTERFACE SYSTEM OPTICS INSTALLATION

The Echelon has a unique patent pending red dot sight mounting system. Many popular sights mount directly to the slide without any type of adaptor plate system. The slide accepts three popular mounting standards which will allow the use a myriad of different sights. The three mounting standards are: Trijicon RMR, Leupold DeltaPoint Pro and the Springfield Micro / Shield RMS/SMS.





**NOTE: After installation of your optic, test fire to verify proper function.**

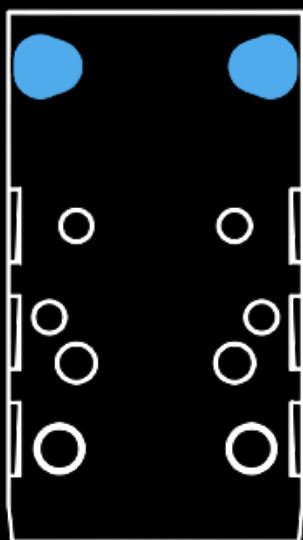
1. Using a T10 Torx driver, remove the two screws that retain the cover plate (Figure 31-1) and remove the plate. Be aware of the 2 removable pins (pictured in yellow) that are in the slide or possibly retained in the plate. (Figure 31-2 & 31-3) (the cover plate is transparent in figure 31-2 to demonstrate the locations of the pins)

**NOTE: Pin and screw sets are packaged separately and intended for use with different optical sight footprints on the market. The pins which are already stored under the cover plate are exclusively used for the RMR sight standard.**

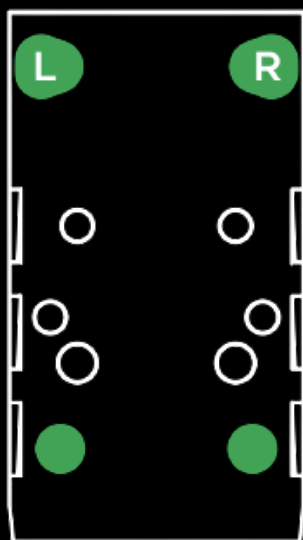
**NOTE: Screws provided by the sight manufacturer may require shortening. Screws cannot protrude more than 0.110" (2.8mm) from the bottom of the sight.**

**NOTE: If you choose to use additional thread locking compound, use sparingly and ON SCREWS ONLY. Using too much thread locker can foul the mechanism.**

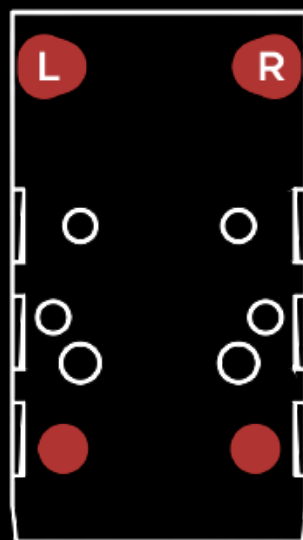
## **VARIABLE INTERFACE SYSTEM FITMENT**



PIN SET 1



PIN SET 2



PIN SET 3

DIRECT MOUNT OPTIC	PIN SET	SCREW KIT
Trijicon® RMR®, RMR® HD	1	1A
Trijicon® SRO®	1	1A
Leupold DeltaPoint® Pro	2	2A
Shield RMSc, SMSc, SMS2, RMSX	3	OEM
Holosun 507C-X2, 508T	1	OEM
Holosun 507K, EPS	3	OEM*
EOTECH® EFLX™	2	OEM
Swampfox Kingslayer, Liberty, Justice	1	OEM
Vortex® Defender	3	OEM
Viridian RFX35	1	1A
Viridian RFX15, RFX11	3	OEM*
Riton 3 Tactix PRD, 3 Tactix PRD 2	1	OEM
Bushnell RXS-250, RXS-100	2	OEM



DIRECT MOUNT OPTIC	PIN SET	SCREW KIT
Crimson Trace CTS-1550	3	OEM
SIG SAUER® ROMEO2	2	OEM
Advanced Optics Stingray, Raptor	1	OEM*
Advanced Optics Spike, Nuwa	3	OEM*
Ameriglo Haven	1	OEM
Vector Frenzy-S	3	OEM

\*Manufacturer supplied screws may need modification.

The following optics can be mounted using the **Variable Interface System ACRO Plate**:

OPTIC	ADAPTER PLATE	SCREW KIT
Aimpoint® ACRO	Variable Interface System ACRO Plate	N/A
Steiner MPS	Variable Interface System ACRO Plate	N/A
Viridian RFX45	Variable Interface System ACRO Plate	N/A

The following optics can be mounted using the **Variable Interface System Doctor Plate**:

OPTIC	ADAPTER PLATE	SCREW KIT
Advanced Optics RD3-009	Variable Interface System Doctor Plate	OEM*

<b>OPTIC</b>	<b>ADAPTER PLATE</b>	<b>SCREW KIT</b>
<b>Burris FastFire™ 2</b>	<b>Variable Interface System Doctor Plate</b>	<b>OEM*</b>
<b>Burris FastFire™ 4</b>	<b>Variable Interface System Doctor Plate</b>	<b>1B</b>
<b>Crimson Trace CT RAD Pro, CT RAD, CT RAD 1250</b>	<b>Variable Interface System Doctor Plate</b>	<b>1B</b>
<b>HEX™ Dragonfly™</b>	<b>Variable Interface System Doctor Plate</b>	<b>OEM*</b>
<b>Vortex® Viper</b>	<b>Variable Interface System Doctor Plate</b>	<b>OEM</b>
<b>Viridian RFX25</b>	<b>Variable Interface System Doctor Plate</b>	<b>1B</b>
<b>Vector Frenzy-X</b>	<b>Variable Interface System Doctor Plate</b>	<b>OEM*</b>

**\*Manufacturer supplied screws may need modification.**

## **INSTALLING SIGHTS WITH THE SPRINGFIELD MICRO / SHIELD SMS STANDARD.**

1. Locate the provided pin and screw sets labelled for use with the Springfield Micro optic footprint. There should be 4 pins that are black in color.
2. Install the left and right delta shaped pins (labeled "L" and "R" on top of the post) in the front. The left and right sides of the slide correspond to the orientation of the



slide with the barrel pointed away from the user (Figure 32-1).

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3. Place the sight over the pins which will orient the sight for proper screw alignment (Figure 32-2).
- 
4. Install and tighten with the provided (M4x0.7) screws to the sight manufacturers recommended spec (Figure 32-3).

## **INSTALLING SIGHTS WITH LEUPOLD DELTAPOINT PRO STANDARD**

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1. Locate the provided pin and screw sets labelled for use with the Leupold DeltaPoint Pro optic footprint. There should be 4 pins that are silver in color.
- 
2. Install the round pins with the smaller diameter inserted downward into the rear receptacles pictured in (Figure 33-1).
- 
3. Install the left and right delta shaped pins (labelled “L” and “R” on top of the posts) in the front pockets pictured in (Figure 33-2). The “Left” and “Right” sides of the slide correspond to the orientation of the slide with the barrel pointed away from the user.
- 
4. Place the sight over the pins which will orient the sight for proper screw alignment (Figure 33-3).
- 
5. Install and tighten with the correct (M4x0.7) screws to the sight manufacturers recommended spec (Figure 33-4).

## **INSTALLING SIGHTS WITH TRIJICON RMR STANDARD**

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1. Locate the provided pin and screw sets intended for use with the Trijicon RMR optic footprint. There should be 2 pins that are black in color.
- 
2. Install the delta shaped pins in the front pockets (Figure 34-1).
- 
3. Place the sight over the pins which will orient the sight for proper screw alignment.

- 
4. Install and tighten with the correct (6-32) screws to the sight manufacturers recommended specs.

## **OTHER STYLES OF SIGHTS CAN BE INSTALLED WITH OUR UNIQUE VARIABLE INTERFACE SYSTEM PLATE SYSTEM.**

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1. Remove the cover plate and replace with the plate for your particular sighting system. Plates are available directly from Springfield Armory for several different mounting standards. **NOTE: Choose the correct plate for your sight (Plates are available for most popular sights directly from Springfield Armory). Verify the red dot sight screws do not protrude from the bottom of the plate (Figure 34-2). If they do, shorten the screws or replace them with ones of the correct length (Figure 34-3). Using screws that are too long will not anchor the sight properly and may damage the plate.**
2. Install the plate designed for your sight and anchor with the 6-32 screws that secure the cover plate, do not exceed 18 in-lbs of torque.
3. Install the red dot sight to the plate using the manufacturers recommendations/directions.

**NOTE: If you choose to use additional thread locking compound, use sparingly and ON SCREWS ONLY. Using too much thread locker can foul the mechanism.**



Figure 31-1

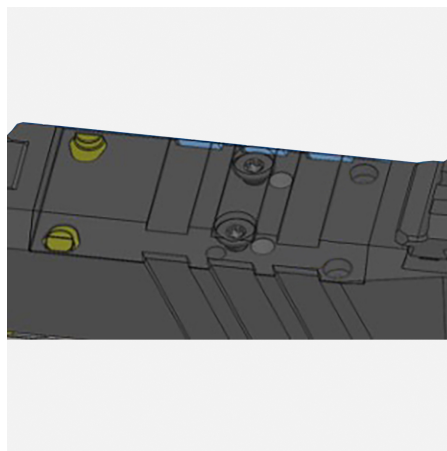


Figure 31-2



Figure 31-3



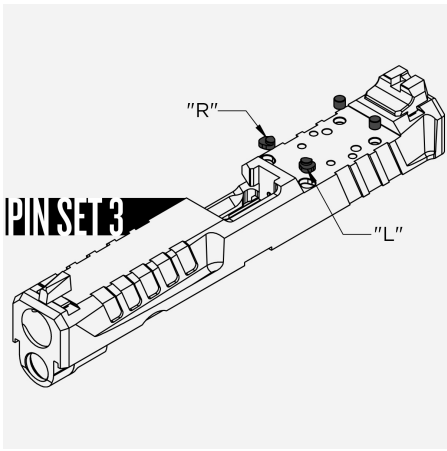


Figure 32-1



Figure 32-2



Figure 32-3

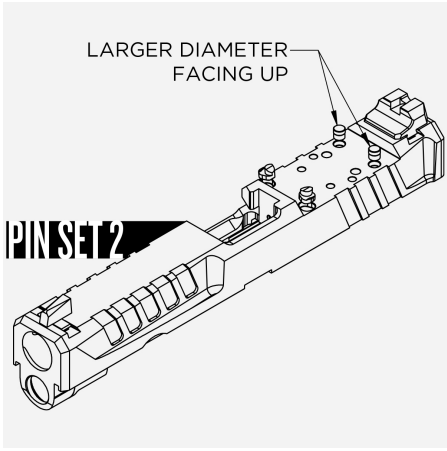


Figure 33-1

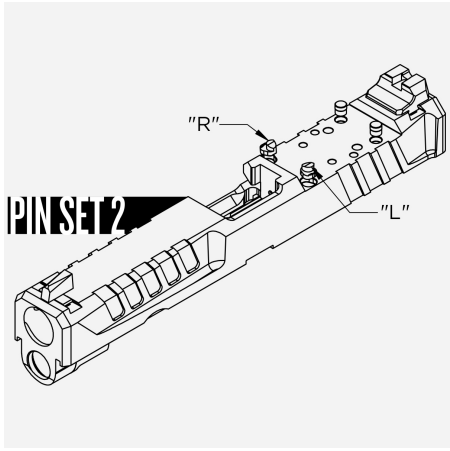


Figure 33-2



Figure 33-3



Figure 33-4

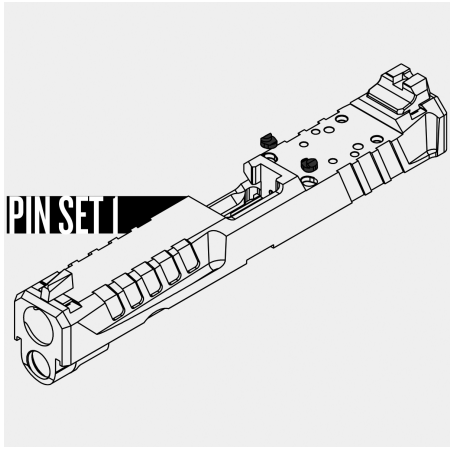


Figure 34-1



Figure 34-2



Figure 34-3

## VARIABLE INTERFACE SYSTEM PIN ALIGNMENT

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**⚠ MAKE SURE THE FIREARM IS COMPLETELY UNLOADED**

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**⚠ MAGAZINE REMOVED AND CHAMBER IS CLEAR.**

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**⚠ NEVER ATTEMPT TO INSTALL SIGHTS WITH THE SLIDE ON THE FRAME.**

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# SAFETY RULES

## READ AND UNDERSTAND THESE SAFETY RULES

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## BE A SAFE FIREARM OWNER.

**ACCIDENT** (*ak' si dent*) *N. 1. An unintentional or unexpected happening that is undesirable or unfortunate, especially one resulting in injury, damage, harm or loss.*

### DON'T BE THE CAUSE OF AN ACCIDENT.

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A responsible firearm owner is safety minded and always handles firearms in a safe manner by following the basic rules of safe shooting and by using common sense in the handling of a firearm.

Store firearms unloaded, locked, and in a secure place. Keep keys for locks separate from lock and in a secure place away from children. Keep firearms out of reach of children. You are responsible for children's safety.

### BE A RESPONSIBLE FIREARM OWNER.

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- **Treat all firearms as if they are loaded at all times.**

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- Although many safety mechanisms are designed into your firearm, firearm safety still depends on you being a responsible firearms owner.

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- Never point a firearm at any person or thing you do not intend to shoot. Treat every firearm as if it is loaded.

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- Be sure you have positively identified your target.

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- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**

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- **Do not drop your firearm.** Make sure you maintain control of your firearm at all times. **If it falls, it may fire.** If you do drop it, unload it and examine it to be sure it works correctly. Do not attempt to fire it again until you have completed this safety check.

- 
- Never put your hand over the muzzle of the firearm.
- 
- Keep your finger(s) off the trigger and out of the trigger guard until you are actually aiming at your target, and made the decision to fire.
- 
- Under no circumstances should the owner of this firearm allow it to come into possession of or be handled by small children or a mentally handicapped individual.
- 
- **DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**

## **BE A RESPONSIBLE FIREARM OWNER!**

- Never rely on a firearm's "safety features" to protect you from unsafe firearm handling. A safety is only a mechanical device, not a substitute for common sense.
- 
- Keep your finger off the trigger until you are on target and have made the DECISION to fire.
- 
- Be sure of your target and backstop before you shoot. Ask yourself what your bullet will hit if it misses or goes through the target.
- 
- Before shooting, be sure the barrel is clear of obstructions, including excessive oil and grease.
- 
- Do not let water, snow, mud or other materials enter the barrel.
- 
- Do not pull a firearm toward you by the muzzle.
- 
- Always hold your firearm so you control the direction of its muzzle in case you fall or stumble.
- 
- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**

- 
- If anything does get into the barrel, remove cartridges, and clean bore immediately before attempting to shoot. Obstructed barrels can burst and injure you and/or bystanders.
- 

- Maintain possession of your firearm at all times when you are on the firing range or during target practice. **DO NOT ALLOW OTHERS TO HANDLE YOUR FIREARM UNLESS THAT PERSON IS BEING INSTRUCTED OR TRAINED.**
- 

- **DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**
- 

## **BE A SAFE FIREARM OWNER!**

- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- 

- Firearms and alcohol or drugs do not mix. Do not take them before or during shooting activities. Your vision, coordination and judgment could be impaired, making firearm handling unsafe.
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- When taking medication, seek a doctor's advice to be sure you can operate and handle your firearm safely.
- 

- Receive training from a competent firearms instructor before using any firearm.
- 

- Before attempting to shoot, practice operations by using snap caps (dummy rounds). Become familiar with the safety features, trigger control, and handling of the firearm.
- 

- Make sure you maintain control of your firearm at all times.
- 

- **Always keep and carry your firearm with an empty chamber until you intend to shoot, so your firearm cannot be fired unintentionally.**
- 

- Firearms should be unloaded when not in use. This means both the chamber and magazine are empty.



- 
- When transferring a firearm by hand, always open the action and check to assure that it is unloaded prior to handing it over to someone.
- 

- Never take anyone's word that a firearm is unloaded. When receiving a firearm, always open the action and check that it is unloaded.
- 

- **Do not try to change your firearm's trigger pull, because alterations of trigger pull usually affect sear engagement and might cause accidental firing.**
- 

- Never use a firearm that jams or fails to function properly. Should this occur, return to Springfield, Inc. for warranty/repair.
- 

- If your shot sounds weak or underpowered, it could mean a bullet is in the chamber/bore. The firearm should be immediately unloaded and the chamber/bore checked for obstructions before re-firing.
- 

- **DO NOT "HORSEPLAY"** with a firearm. Your firearm cannot think ...but you can. Firearm safety depends on you.

## IMPORTANT WARNING

***There is no safe way to discharge a firearm in a home or apartment. Bullets will go through walls, floors, furniture, and appliances and still cause serious injury or death to persons in the house, next-door, or outside. Accidental discharges indoors ALWAYS result in property damage or personal injury.***

## READ THESE RULES!

- Load firearm only when on range preparing to fire. Unload it before leaving range.
- 
- **Treat every firearm as if it is loaded ...all the time!**
- 
- Load and unload with the firearm muzzle pointed in a safe direction.
- 
- Be certain firearm is unloaded before cleaning.

- 
- Completely unload your firearm before storing, travelling, standing it against an object, laying it down, entering a house, car, truck, boat, RV/camper, building, or handing it to someone.
- 

- **Never leave a loaded firearm unattended.**

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- Tragedy may result if a child finds your firearm and plays with it. Keep every firearm secure. Children do not believe firearms can kill.
- 
- Store firearms and ammunition separately. Both should be placed beyond children's reach.
- 
- Obey all laws regarding the storage and security of firearms in the home.
- 
- Know and obey the laws regarding the transportation and carrying of firearms.
- 
- **Never carry any firearm, loaded or unloaded, in your pocket, purse or tucked in your belt or waistband. Use a firearm case or a proper holster.**
- 
- **Old or reloaded ammunition may cause damage to the firearm and/or injure you or others. Use only clean, dry, original, high-quality, commercially manufactured ammunition. Using reloaded ammunition may void the warranty.**
- 
- **ALWAYS REMEMBER, REMOVING THE MAGAZINE DOES NOT UNLOAD THE PISTOL NOR DOES IT ENGAGE A SAFETY.**
- 
- **ALWAYS REMEMBER, THE PISTOL IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**
- 
- **ALWAYS REMEMBER, THIS FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.**
- 
- **DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**
-

# TREAT EVERY FIREARM AS IF IT IS LOADED...

## ALL THE TIME!

- Many ammunition identifications sound similar. Make sure you use the right caliber/size ammunition in your firearm.

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- If firearm fails to fire when the trigger is pulled, keep it pointed at the target for at least 30 seconds. Remove the magazine before opening the action. Remove the cartridge from the chamber. Sometimes slow primer ignition will cause a “hang fire” and the cartridge will go off after a short pause.

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- When group firing, always appoint someone to maintain safety control. Obey his/her commands immediately and completely.

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- While shooter is loading, firing, and unloading, spectators need to remain behind the shooter.

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- **Always wear protective glasses when shooting.**

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- **Always wear hearing protection when shooting.**

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- Never shoot at hard flat surfaces or water; bullets will ricochet unpredictably.

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- **Do not alter or modify your firearm.**

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- Have your firearm serviced regularly by a qualified pistolsmith.

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- Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, cancer and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after firing your firearm, after cleaning your firearm, or whenever you have handled ammunition.

- 
- Always use quality ammunition.
- 

- **ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- 

- **DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**

## HANDLING

**We want you to be a safe, satisfied firearm owner.**

Before attempting to load this firearm with live

ammunition, follow the sequence of operations shown here without ammunition or with snap caps.

By practicing operations with snap caps, you will become familiar with:

- Safety features,
- 
- Trigger control (snap caps)
- 
- Handling of your firearm

As a result, you will be a safer, more confident user when aiming at your first target.

**NOTE: Extensive dry firing can accelerate component wear/stress. Use snap caps if dry firing on a regular basis.**

Write, call or email us concerning any items you do not understand and/or which might relate to your safety and the safe operations of any of our products.

Springfield, Inc.

Consumer Safety Department

650 Weber Drive

Geneseo, IL 61254

(309) 944-5631

1-800-680-6866

cs@springfield-armory.com



**WARNING: Safety devices, like all things mechanical, can fail. Safety devices are not a substitute for safe firearm handling. Always follow the rules for safe firearm handling.**



**WARNING: Always wear eye and ear protection when using any firearm.**



**WARNING: When you squeeze the trigger, you must expect the firearm to fire. You must take full responsibility for firing it. Your care can avoid accidental discharge and thereby avoid accidental injury and death.**



**WARNING: The firearm is a dangerous weapon if not handled properly.**

## SAFETY DEVICES

**Striker Block Safety** - The internal Striker Block Safety limits the firing pin travel. If the striker block safety is up and the firing pin body is behind the striker block safety, the striker block safety is active (Figure 13-1). When the striker block safety is pressed down, the firing pin is free to move forward and the striker block safety becomes inactive (Figure 13-2). The striker block safety is released from the active position only when you pull the trigger.

**Safety Sear** - Safety sear (Figure 15-1) in Echelon models is independent of the release latch.

It serves as an additional safety during transport or dropping the pistol.

**Trigger Safety** - The trigger safety blocks the trigger from moving backward. A lever incorporated into the trigger (See Figure 12-1) deactivates the safety when completely



depressed while pulling the trigger. The trigger can only be pulled if depressed together with the trigger safety lever (See Figure 12-2).



Figure 13-1



Figure 13-2



Figure 15-1



Figure 12-1



Figure 12-2



**WARNING: Safety devices, like all things mechanical, can fail. Safety devices are not a substitute for safe firearm handling. Always follow the rules for safe firearm handling.**

## LOADED CHAMBER INDICATOR

Your ECHELON firearm has a loaded chamber indicator (Figure 14-1). The indicator allows you to observe whether a cartridge is in the chamber. When a cartridge is chambered, the extractor/loaded chamber indicator, will protrude from the right side of the pistol and a red surface will indicate a cartridge is chambered (Figure 14-1 & 14-2).

**When a cartridge is chambered, the pistol is loaded and ready to fire.**

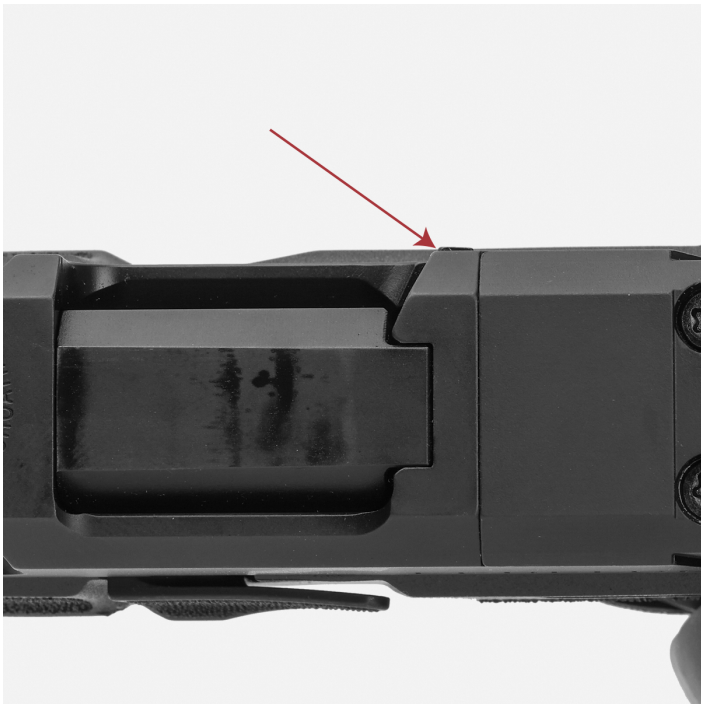


Figure 14-1

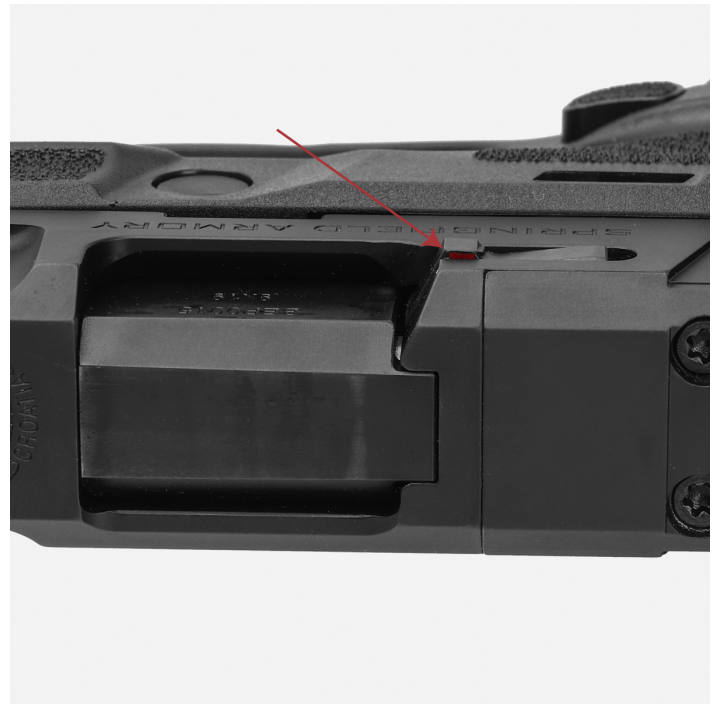


Figure 14-2



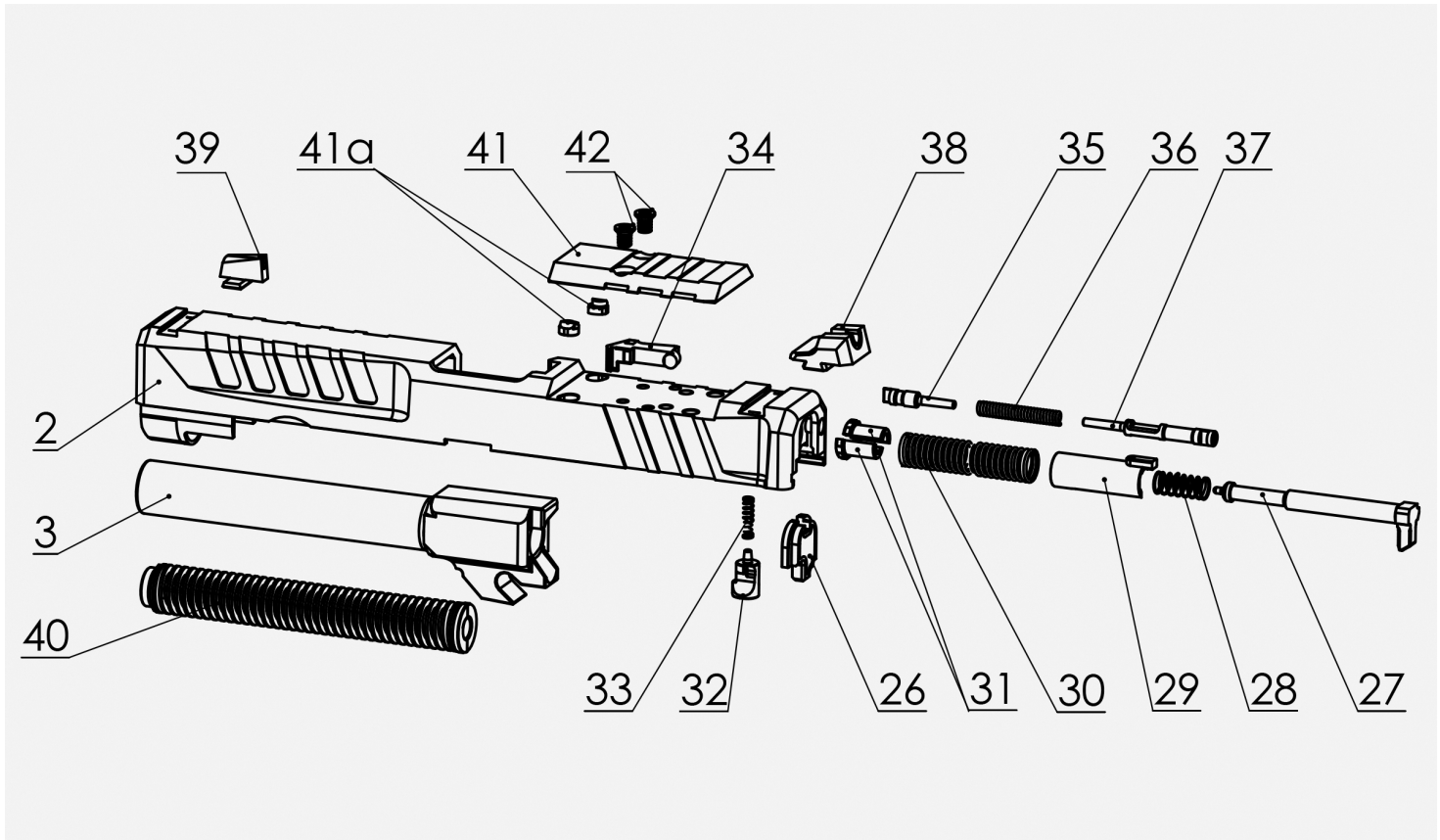
**WARNING:** Even though the chamber is empty there may be cartridges in the magazine. The firearm is not completely unloaded until the magazine is removed and the chamber is empty.



**WARNING:** Never trust a safety. Always assume the firearm is loaded.

## ECHELON SLIDE PARTS LIST



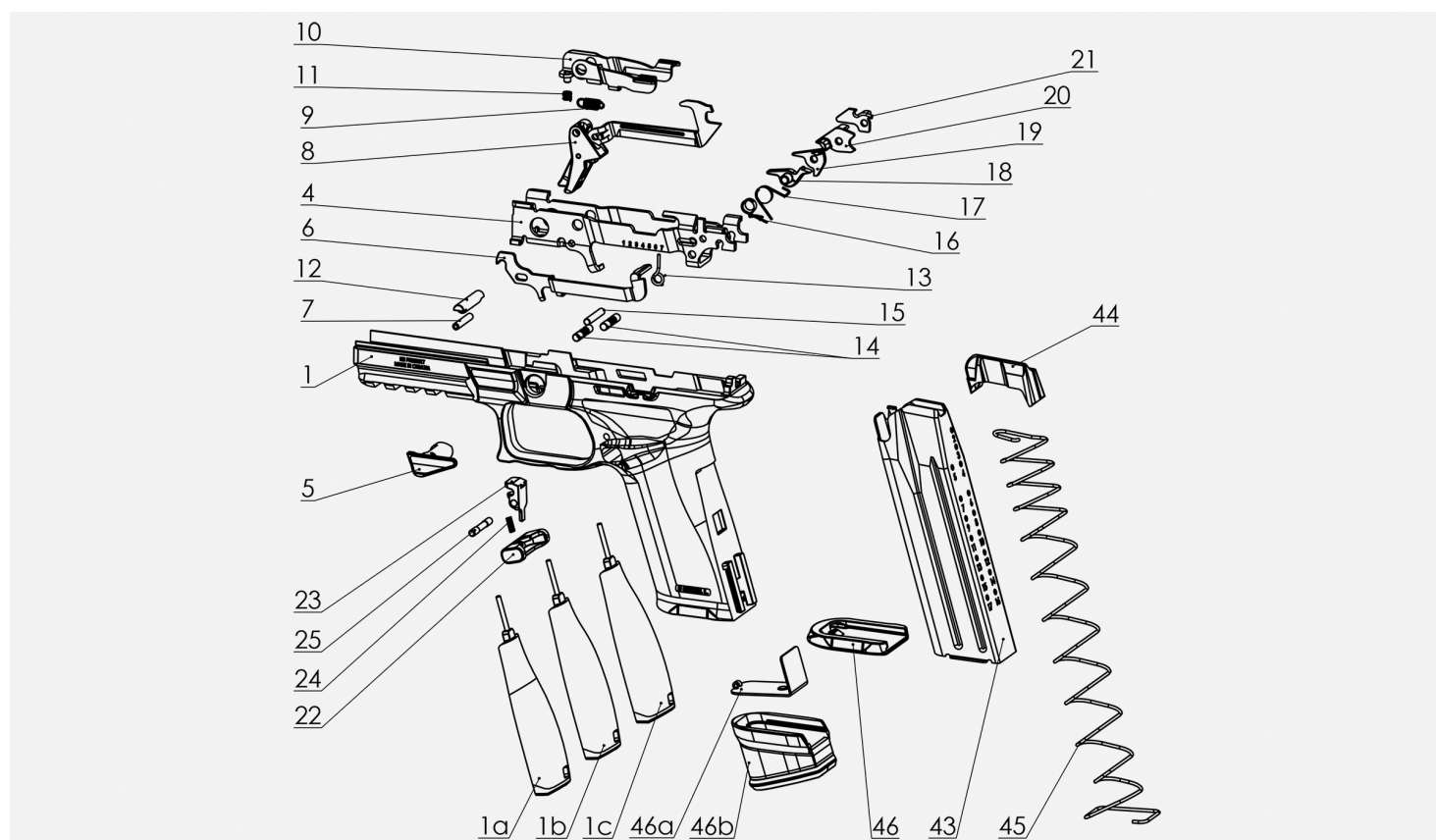


## Slide Parts List

- 2** Slide
- 3** Barrel
- 26** Striker Locking Plate
- 27** Striker
- 28** Striker Dampening Spring
- 29** Striker Guide
- 30** Striker Spring
- 31** Striker Spring Retainer
- 32** Striker Safety
- 33** Striker Safety Spring
- 34** Extractor
- 35** Extractor Pin

- 36** Extractor Spring
- 37** Extractor Spring Plate
- 38** Rear Sight
- 39** Front Sight
- 40** Recoil Spring Assembly
- 41** Variable Interface System Plate
- 41a** Variable Interface System Pins - Leupold, Deltapoint or Dragonfly
- 41b** Variable Interface System Pins - Trijicon RMR
- 42** Variable Interface System Screws

## ECHELON FRAME PARTS LIST



Frame Parts List

- 1** Grip Module
- 1a** Backstrap - Small

- 1b** Backstrap - Medium
- 1c** Backstrap - Large
- 4** Receiver
- 5** Disassembly Lever
- 6** Magazine Blocking Lever
- 7** Trigger Pin
- 8** Trigger Assembly
- 9** Trigger Bar Spring
- 10** Slide Stop Lever
- 11** Slide Stop Lever Spring
- 12** Slide Stop Lever Pin
- 13** Magazine Blocking Lever Spring
- 14** Magazine Blocking Lever Spring Pin
- 15** Sear Pin
  
- 16** Safety Sear Spring
- 17** Sear Spring
- 18** Sear
- 19** Safety Sear
- 20** Sear Lever
- 21** Striker Safety Lever
- 22** Magazine Release Button
- 23** Magazine Catch
- 24** Magazine Catch Spring
- 25** Magazine Catch Pin



**43** Magazine Body 17 Round

**44** Magazine Follower

**45** Magazine Spring

**46** Magazine Base

**46a** Magazine Floor Plate Extension

**46b** Magazine Extension

# LOADING/PREPARING TO FIRE

1. **Place the EMPTY** magazine in the magazine well, located in bottom of firearm grip. Make sure the magazine is **EMPTY** or you will inadvertently load the firearm. Push firmly enough on bottom of magazine to make sure it is properly seated. A distinctive “click” will confirm the magazine has been properly inserted. Pull the slide completely to the rear until it locks back.
- 

2. Depress magazine release and remove magazine.
- 

3. Ensure that you are using the proper caliber ammunition for your firearm. Place rim of first cartridge on front of follower (Figure 16-1) then push the cartridge down on the follower and slide the cartridge under the lips of the magazine completely to the rear. Load successive rounds by pushing cartridge down on previously loaded cartridge. Use only clean, dry, original, high-quality, commercially manufactured ammunition. Using reloaded ammunition may void warranty.
- 

4. **POINT FIREARM IN A SAFE DIRECTION, KEEP FINGER OFF TRIGGER AND APPLY THUMB SAFETY IF SO EQUIPPED.** Re-insert **LOADED** magazine into magazine well, located in bottom of firearm grip. Push firmly enough on bottom of magazine to make sure it is properly seated.

**CAUTION: Do not slam or forcefully jam magazine into magazine well.**

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5. Depress the slide stop lever to allow slide to move forward and load a cartridge from the magazine into the chamber.
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6. The loaded chamber indicator will display a loaded cartridge in the chamber.
- 

7. The firearm is now loaded and ready to fire.
- 

8. Deactivate thumb safety if applicable.

**CAUTION: Never load cartridge by hand directly into the chamber.**

**CAUTION: The firearm is now ready to fire.**

**NOTE:** An alternative method to load the cartridge into the chamber is to forcefully pull the slide completely to the rear and in one motion quickly release it, allowing the slide to slam forward unimpeded under its own force. (Do not hold the slide as it moves forward. “Riding the slide” in this manner can cause cartridge to jam or misfeed.)

**Caution:** Do not cover the ejection port with your hand when loading/unloading your firearm.



Figure 16-1



**WARNING: Never load cartridge by hand directly into the chamber.**



**WARNING: Do not cover the ejection port with your hand when loading/unloading your firearm**

# FIRING

If you have never fired a firearm before, follow the sequence of operations shown here without ammunition or with snap caps. Then load only **one** cartridge into the magazine for your first live ammunition firing.

1. **POINT FIREARM IN A SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
2. Load cartridge into chamber from magazine. **CAUTION: THE FIREARM IS NOW READY TO FIRE.BE PREPARED FOR NOISE AND RECOIL WHEN FIREARM FIRES.**
3. Aim firearm at target by aligning sights. Deactivate thumb safety if applicable.
4. Now lightly place finger on trigger, and slowly squeeze trigger to fire the firearm. Spent cartridge is expelled up and to the right.
5. This Firearm will automatically be ready to fire again after each shot until all cartridges loaded in magazine have been fired. **NOTE: This only applies when there is more than one round in magazine.**
6. When last cartridge has been fired, slide will lock open and remain to rear.

This is an auto loading firearm. It is immediately loaded and ready to fire again after each shot until all cartridges loaded in magazine have been fired. The firearm is able to fire both with and without the magazine in place. **REMOVING THE MAGAZINE DOES NOT UNLOAD THIS FIREARM NOR DOES IT ENGAGE A SAFETY.THIS FIREARM IS NOT UNLOADED UNTIL THE MAGAZINE IS REMOVED AND THE CHAMBER IS EMPTY.**



**WARNING: Loading by manually inserting a round in the chamber is improper and may cause accidental discharge and possible damage to the extractor . Always load the firearm using the magazine . When loading the firearm, always point the muzzle in a safe direction**



**WARNING: Always wear eye and ear protection when using any firearm.**

**1. WARNING: POINT FIREARM IN A SAFE DIRECTION AT ALL TIMES.**

---

## **UNLOADING / CLEANING**

If slide is already in “locked back” position: (Figure 18-1)

**1. POINT FIREARM IN SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**

---

2. Press magazine release button to remove magazine.

---

3. From above and rear, carefully inspect chamber to make sure it is empty.

When magazine has been removed and when chamber is empty, a [firearm lock](#) can be installed. Firearm can now be safely stored in a secure place.

**CAUTION: Do not cover the ejection port with your hand when loading/unloading your firearm.**

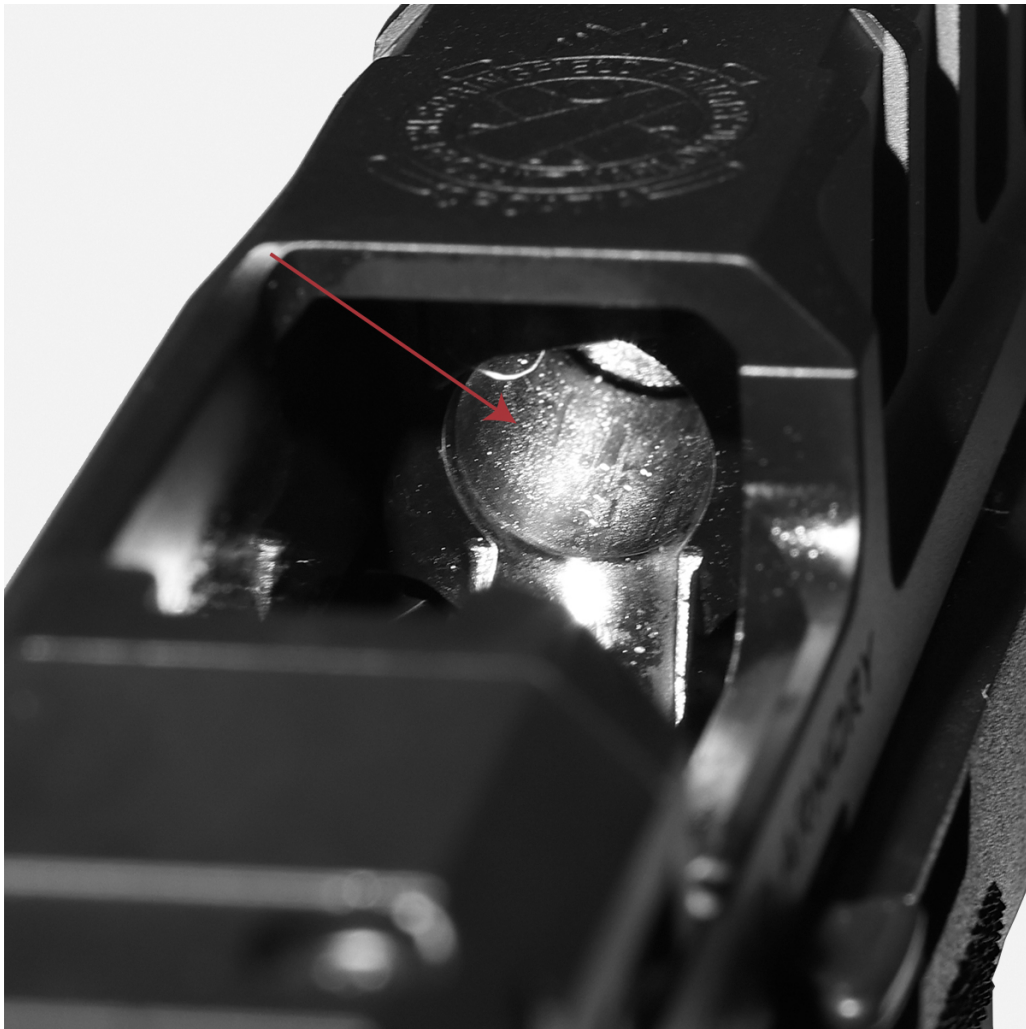


Figure 18-1

## UNLOADING/CLEANING

If slide is forward:

1. **POINT FIREARM IN SAFE DIRECTION WHILE KEEPING YOUR FINGER OFF OF THE TRIGGER.**
2. Press magazine release button to remove magazine.
3. While holding slide in rearward (open) position, carefully inspect chamber making sure it is empty (Figure 19-1).

When magazine has been removed and when chamber is empty, a [firearm lock](#) can be installed. Pistol can now be safely stored in a secure place.



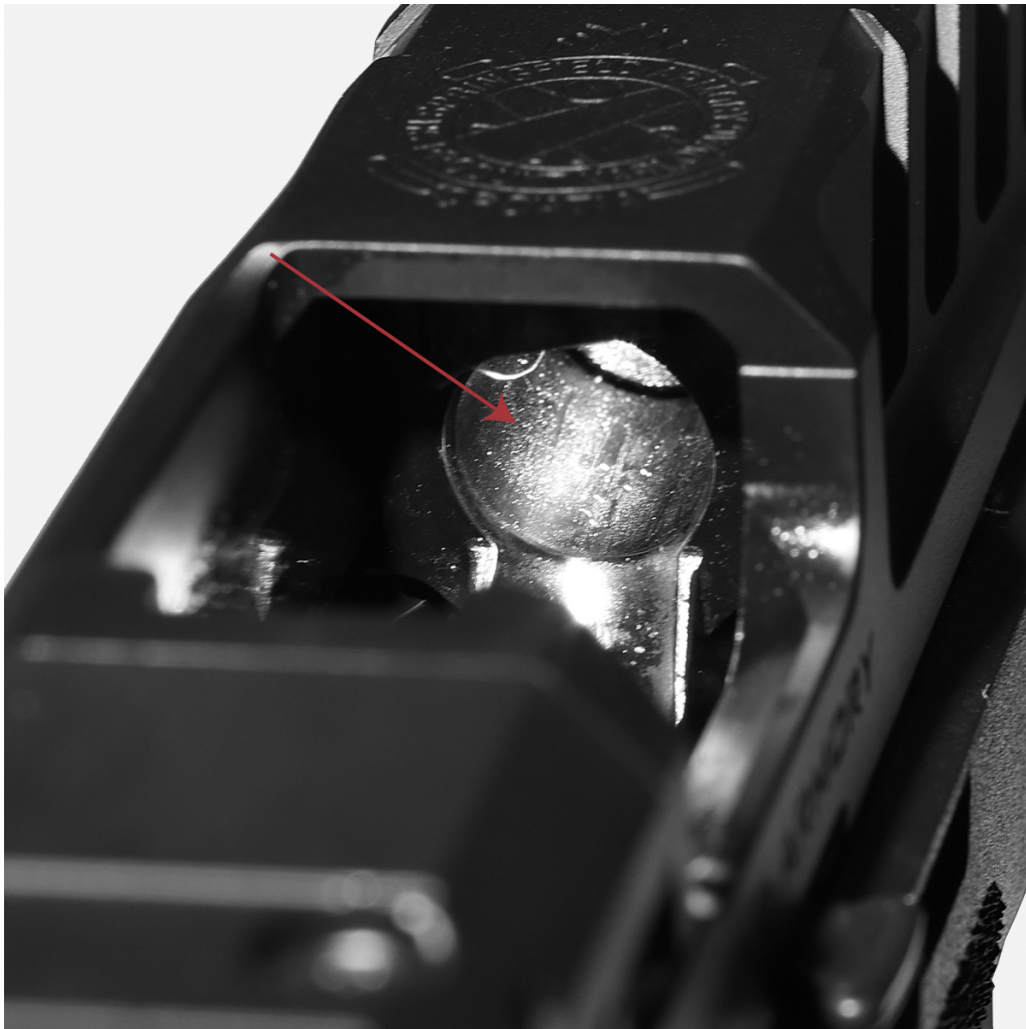


Figure 19-1

**⚠ PISTOL IS NOT EMPTY OR UNLOADED UNTIL THE MAGAZINE IS REMOVED AND CHAMBER IS EMPTY. NEVER TOUCH THE TRIGGER WHEN LOADING OR UNLOADING THE FIREARM.**

---

## POINT OF AIM

The firearm comes in a standard variant with RMR sights:

- U-Notch (Figure 38-2)
- 3-Dot (Figure 38-3)

Also available options are:

- Low Profile: U-Notch/3-Dot (Lower than RMR sights)
- DPP: U-Notch/3-Dot (Higher than RMR sights)

- Co-Witness - Silencer (Higher than DPP sights)

To correct the hit point by height, each option also has three different available heights (O, G, H).

## POINT OF IMPACT

---

The users may use a “point of aim” sight picture at 25 yards (Figure 38-1). This means that, at 25 yards, the bullet should impact the target at the point visible at the top of the front sight. Springfield, Inc. firearms are regulated to shoot point of aim, point of impact. Changing brand or type of ammunition may alter point of impact as well as user’s technique.

**CAUTION: Use only clean, dry, original, high-quality, commercially manufactured ammunition.**



Figure 38-2



Figure 38-3



Figure 38-1



**CAUTION: Use only clean, dry, original, high-quality, commercially manufactured ammunition.**

## **MALFUNCTION WARNING!**

If cartridge hangs up, jams or binds when being chambered from magazine into chamber, do not attempt to force it into the chamber by pushing or striking slide.

**DO NOT COVER THE EJECTION PORT WITH YOUR HANDS WHEN LOADING/UNLOADING YOUR FIREARM.**

**NOTE: The ECHELON pistol requires A FIRM PROPER GRIP & LUBRICATION to assure reliable function.**

**WHAT TO DO:**

---

- **Firmly hold firearm pointed in a safe direction while keeping your finger off of the trigger.**

---
- Remove magazine.

---
- Retract the slide to remove cartridge from firearm.

---
- Do not cover the ejection port with your hands when loading / unloading your firearm.

---
- If the cartridge cannot be removed, retract the slide and lock it open with slide stop.

---
- Carefully dislodge cartridge.

---
- If cartridge cannot be removed, lock slide back, carefully store your firearm and magazines and take it to a pistolsmith. USE SUPPLIED TRIGGER LOCK **(Store key separately away from lock and out of reach of children).**

Most failures to feed or chamber a cartridge are the result of a damaged magazine, improper firearm handling or defective ammunition.

Whatever the cause, a jammed cartridge can be a dangerous situation.

**If you have any questions concerning information in this manual, call Springfield's Consumer Safety Department at 1-800-680-6866 for assistance.**





Figure 20-1



**WARNING: Always have firearm pointed in a safe direction. Failure to obey safety information may result in injury to you or others.**

## **1. WARNING: POINT FIREARM IN A SAFE DIRECTION AT ALL TIMES.**

---

# **TO ELIMINATE MALFUNCTIONS**

- First try changing type/brand of ammunition and/or magazine.
- 
- If changing to another type/brand of ammunition and/or magazine does not at once result in smooth feeding of cartridges from magazine to chamber, the following steps should be taken:

- 
- Make certain chamber and magazine are unloaded. Magazine should be removed first. Check chamber to be sure it and magazine well are clear of cartridges.
- 
- Thoroughly clean magazine, paying particular attention to removing accumulated residue.
- 
- Thoroughly clean breech mechanism of firearm. Use a bristle brush and solvent to remove residue and fouling from breech face, extractor, chamber and feed ramp. (CARE AND CLEANING).
- 
- Check that magazine spring tension is adequate; the spring should hold the follower tightly against the lips of the magazine.
- 
- Check that magazine lips are free of nicks and burrs and are not deformed.
- 
- Remove excess oil and solvent from all cleaned components, load magazine and try firearm again.



**WARNING: An obstructed, cracked, or damaged barrel should never be used and the firearm should be returned to Springfield for inspection.**

# FIELD STRIP

Before performing any cleaning or maintenance, make sure the firearm is completely unloaded (this includes the magazine and chamber). Wear eye protection.

**ALWAYS REMEMBER THE FIREARM IS ABLE TO FIRE WITH OR WITHOUT THE MAGAZINE IN PLACE.**

**NOTE: ECHELON MODELS HAVE A DISASSEMBLY SYSTEM (SLIDE REMOVAL) WITHOUT TRIGGERING!**

---

1. **POINT FIREARM IN SAFE DIRECTION WHILE KEEPING FINGER OFF THE TRIGGER.**

---

2. Remove magazine and unload firearm.

---

3. Retract the slide and lock it open by pushing up the slide stop lever (Figure 22-1).  
**NOTE: If step 3 is difficult, use this alternative method of locking slide to the most rearward position: Place EMPTY magazine in the magwell, retract slide completely to the rear until it locks back. Make sure the magazine is EMPTY or you will inadvertently load the firearm. Then remove magazine and proceed.**

---

4. Visually inspect the chamber to confirm the firearm is unloaded.

---

5. Rotate the disassembly lever clockwise to a vertical 6 o'clock position (Figure 22-2). Disassembly lever cannot be rotated unless magazine has been removed.

---

6. Pull the slide slightly to the rear to release the slide stop lever. Then, firmly gripping the slide, allow the slide to slowly move forward until the spring tension is released (Figure 23-1). Move the complete slide assembly forward and off the frame (Figure 23-2). **CAUTION: Slide is under spring tension. Maintain control. Do not grip the slide in the area of the muzzle or ejection port.**

**CAUTION: Do not retract and release the striker allowing it to snap forward as this can damage the striker pin safety.**



---

7. Remove the recoil system from the slide (Figure 24-1). **CAUTION: Captive Recoil Spring System. Spring is under tension. Maintain control.**

---

8. Remove the barrel from the slide (Figure 24-2).  
**The firearm is now fully field stripped and ready for cleaning.**



Figure 22-1



Figure 22-2



Figure 23-1



Figure 23-2



Figure 24-1



Figure 24-2



**WARNING: If you disassemble your Springfield Armory® firearm, do so properly. Improper disassembly and/or assembly will create unsafe conditions that could result in injury or death, or a firearm that simply will not work. Don't take chances. Do not attempt to disassemble this or any other firearm until you have received training and instructions from a competent gunsmith.**



**WARNING: Always wear eye and ear protection when using any firearm.**

## MAGAZINE DISASSEMBLY

Disassembling and cleaning magazines every 3-4 months is normally sufficient, unless the magazines have been exposed to dirt or other adverse conditions or inspection indicates a need for cleaning.

Disassembly of the ECHELON magazine with the flush floor plate is accomplished by depressing the magazine spring (Figure 27-1) and sliding the base plate forward. Use baskstrap with pin as a tool.

Disassembly of the ECHELON magazine with the extended base is accomplished by depressing the magazine floor plate (Figure 27-2) and sliding the base plate forward.

**NOTE: Make note of magazine spring orientation.**

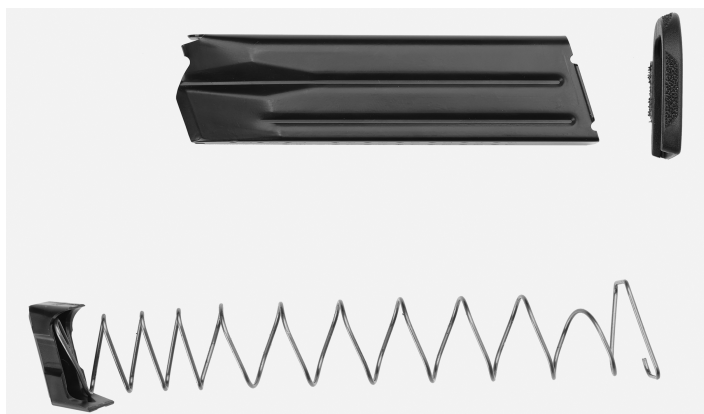
**ALWAYS WEAR PROTECTIVE SAFETY GLASSES WHEN DISASSEMBLING OR REASSEMBLING ANY MAGAZINE.**



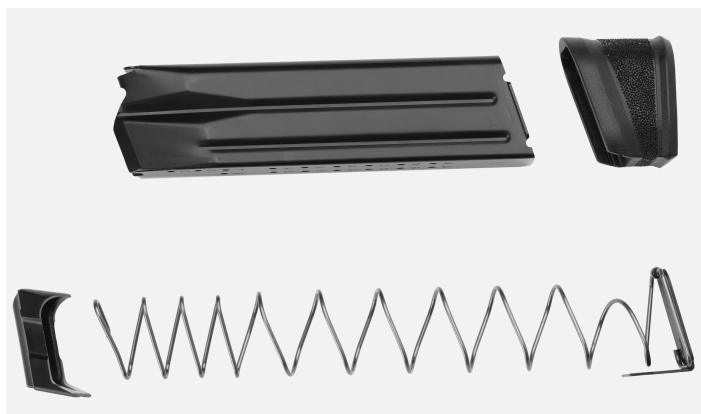
Figure 27-1



Figure 27-2



17 Round Magazine



20 Round Magazine



**WARNING: The magazine spring, follower, and inner floor plate are under spring tension, and can cause eye injury if not controlled during removal. Wear protective safety glasses to reduce the risk of eye injuries. Be sure to maintain downward pressure on the magazine spring, with your thumb, while disassembling.**

## BACKSTRAP REMOVAL AND CONFIGURATION

On standard pistol configuration interchangeable backstrap comes in M size. The Echelon model also comes with two more interchangeable backstraps S & L. All backstraps (S,M,L) come with integrated pin - tool for assembly and disassembly (Figure 21-1). Interchangeable backstraps (S, M, L) are universal and can be mounted in S, M, L frames. On the inside of the frame, in the opening for the magazine, push the square shape towards the back (Figure 21-2) and pull the interchangeable backstrap down until it disengages from the frame.





Figure 21-1

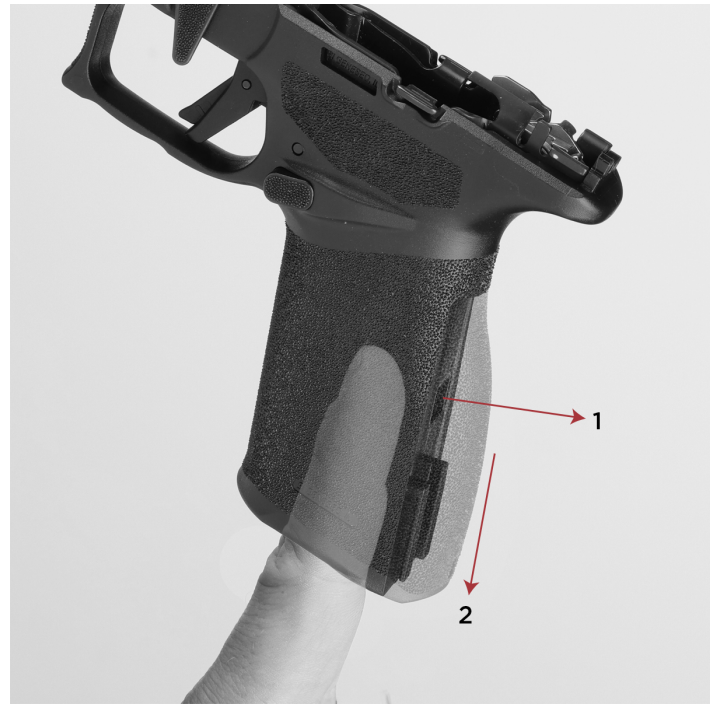


Figure 21-2



**WARNING:** Never change backstraps with the slide on the pistol.

## CENTRAL OPERATING GROUP (COG) REMOVAL

The ECHELON has a removable Central Operating Group (COG) assembly that contains the firing mechanism. It is removable as a unit for cleaning or grip replacement.

Before performing any disassembly, point firearm in safe direction, make sure the firearm is completely unloaded (this includes the magazine and chamber).

1. Field strip pistol.
2. Remove the disassembly lever half way out by pulling outward with the tip of your index finger (Figure 25-1). Then rotate the lever clockwise while pulling outward until the lever is removed.
3. Lift the slide stop levers, depress the trigger enough to deactivate the trigger safety and slide the COG forward while maintaining minimal upward pressure on the

slide stop levers (Figure 25-2). The rear of the COG can now be rotated upwards (Figure 25-3). Make sure the slide stop lever pin is correctly oriented (Figure 25-4).

---

4. Lift the front part of the COG, and at the same time lower the rear part and remove it from the grip (Figure 25-5).

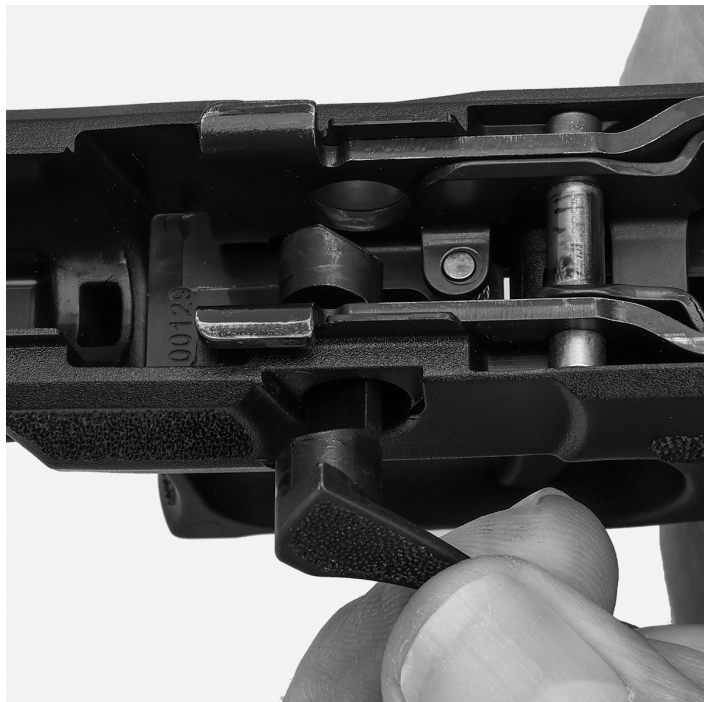


Figure 25-1



Figure 25-2



Figure 25-3



Figure 25-4



Figure 25-5



**WARNING: Further dismantling is not necessary and should only be done by Springfield, Inc. or a qualified gunsmith.**



# CENTRAL OPERATING GROUP (COG) INSTALLATION

1. While holding the COG at the angle pictured, insert the “tabs” at the lower front of the COG into the opening of the grip (Figure 26-1).
2. Depress the trigger enough to deactivate the trigger safety and rotate the rear of the COG downward and then press rearward. The slide stop levers will drop into their recesses in the grip (Figure 26-2). **NOTE: Make sure the slide stop lever pin is correctly oriented (Figure 26-3).**
3. Position the take down lever (Figure 26-4) and then press inward while slightly twisting the lever clockwise.
4. Once the lever is partially installed, position the lever as pictured in (Figure 26-5), then press it flush to the frame and rotate the lever clockwise to the vertical position. The pistol is now ready for reassembly.



Figure 26-1



Figure 26-2



Figure 26-3

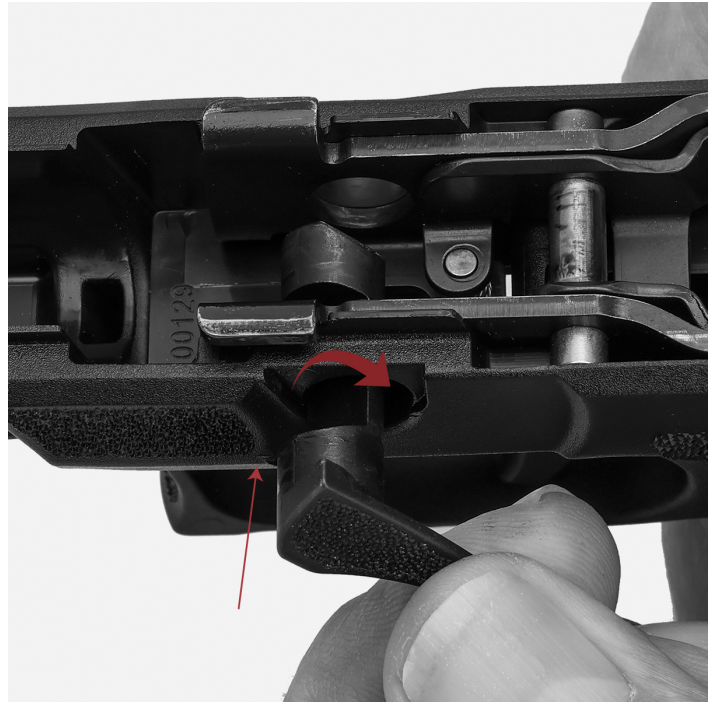


Figure 26-4



Figure 26-5



## REASSEMBLY

**CAUTION:** Never allow live ammunition in the area while you are maintaining your firearms.

1. Install barrel into slide (Figure 28-1) insuring that the top of the chamber of the barrel is flush with the top of the slide (Figure 28-2).
2. Reinstall the recoil system insuring it is properly aligned (Figure 28-3). **NOTE: IMPROPERLY ALIGNED RECOIL SYSTEM OR BARREL POSITION WILL CAUSE REASSEMBLY PROBLEMS. NEVER FORCE SLIDE ASSEMBLY ONTO FRAME.**
3. Install the slide assembly onto the frame, make sure the disassembly lever is facing downwards by 90 degrees (Figure 28-4). If interference is encountered, remove the slide assembly and make sure the barrel is properly seated, the recoil system is properly aligned and the trigger is in its most rearward position.

**NEVER FORCE SLIDE ASSEMBLY ONTO FRAME!**

**Doing so could cause damage to your firearm.**

- 
4. (Figure 25-1) Move the slide to its most rearward position (1) (at this point spring resistance will be encountered) and move/push the slide stop up (2), locking the slide to the rear.
- 
5. Rotate the disassembly lever counter-clockwise to the normal (locked) position (3).
- 
6. Lower the slide.
- 
7. Reassembly is now complete.



Figure 28-1



Figure 28-2





Figure 28-3



Figure 28-4



Figure 28-4



Figure 25-1

## 17 ROUND (FLUSH FLOOR PLATE)

1. Install the spring, follower, and floor plate correctly oriented in the magazine tube.
2. Compress the spring until the bottom of the spring is just below the surface of the bottom of the magazine tube.

- 
3. Slide the magazine floor plate on from the front of the tube completely rearward, at this point the bottom coil of the spring will snap into place locking the floor plate in position.

## 20 ROUND (EXTENDED BASE)

---

1. Install the spring, follower, and floor plate correctly oriented in the magazine tube (Figure 41-1).
- 
2. Compress the spring into the tube until the front of the floor plate is just below the bottom forward face of the tube and the rearward vertical surface of the floor plate is on the **outside** of the tube (Figure 41-2).
- 
3. Slide the magazine base extension on from the front of the tube completely rearward. Press on the vertical surface of the floor plate. The plate should snap into place into the bottom of the magazine base extension locking the base in place (Figure 41-3).



Figure 41-1



Figure 41-2



Figure 41-3



# CARE & CLEANING

## KEEP YOUR FIREARM CLEAN AT ALL TIMES

### BASIC MATERIALS NEEDED:

---

- Cleaning rod of proper size with bristle bore brushes (fiber or brass) and tip into which cleaning patch can be inserted.

---
- Cloth patches

---
- Powder solvent

---
- Lubricating oil

---
- Small lint-free cloths for wiping and oiling

---
- Bristle brush for scrubbing dirt off breech face, extractor, magazine lips, follower, etc.

---

Use proper size bore brushes and patches - if they are too small they won't do the job, and if they are too large they will bind inside bore.

Insert cleaning rod from chamber end of barrel and push rod all the way through so it emerges from muzzle.

Do not "reverse" rod direction when patch or brush is in barrel, it might bind.

Do not use patches dripping with solvent or oil. Wet patches or brushes, then squeeze out excess before using.

When using bore brushes or a larger bristle brush on breech face, breech areas, magazines, etc., work carefully to prevent damaging components.

**NOTE: If lower parts of receiver and its mechanism are especially dirty, soak in appropriate solvent, flush clean with clean solvent. Make certain that all foreign matter is removed after cleaning. Lightly oil after cleaning.**

**Only a very small amount of oil is needed to adequately lubricate moving parts and prevent rust. Accumulation of oil tends to attract dust and dirt which interferes with**

***the safe and reliable functioning of firearm. DO NOT APPLY EXCESS LUBRICATING OIL. DO NOT APPLY OIL OR GREASE TO STRIKER.***



**WARNING: Wear eye protection when using solvent. Thoroughly wash your hands to remove powder and solvents after cleaning your firearm.**



**WARNING: Always wear eye & ear protection when using any firearm.**

## **CLEANING FIREARM**

1. Point firearm in safe direction.  

---
2. Remove magazine and empty chamber.  

---
3. Separate cartridges from firearm before cleaning operation.  

---
4. Open slide and visually check that chamber and magazine well are free of cartridges.  

---
5. Disassemble firearm as described in the **DISASSEMBLY** section.  

---
6. Using cleaning rod, run solvent-wetted patch through barrel several times.  

---
7. Attach solvent-wetted bristle brush to rod and run back and forth full length of barrel as needed until clean of residue.  

---
8. Clean barrel with dry patches and examine it. If necessary, repeat barrel scrubbing. Barrel fouling can contribute to reduced accuracy, and residue accumulation in the chamber can interfere with proper feeding of cartridges from magazine.  

---
9. Using powder solvent on a clean patch, remove powder residue from all components of mechanism. If residue cannot be removed by wiping with patch, use

solvent-wetted bristle brush.

---

10. Next, wipe scrubbed areas with solvent-wetted patch.

---

11. After cleaning, run dry patch through barrel, then follow with lightly oiled patch.

---

12. Wipe all surfaces clean with cloth, then wipe all surfaces with lightly oiled patch (or cloth).

---

13. Reassemble firearm. Remember, an improperly assembled firearm is dangerous and should not be fired. Always consult a qualified pistolsmith if you experience any difficulty or have any questions concerning assembly procedure.

---

14. If firearm is to be stored for an extended period, final oil applications can be heavier so there will be less tendency for it to evaporate.

---

15. Keep your firearm clean at all times.

## POINTS OF LUBRICATION

**NOTE: Please read entire manual and follow all safety rules before handling firearm.**

1. Field Strip pistol. Only remove slide from frame.

---

2. Using any quality firearm lubricant, 1 drop of lubricant on each side of the rear slide railways (Figure 30-1).

---

3. Reassemble slide to frame.

---

4. Manipulate slide back and forth 5 - 10 times.

---

5. 1 drop of lubricant on top of chamber area of the barrel (Figure 30-2).

---

6. Lick slide to the rear by using the slide stop lever.

---

7. 1 drop of lubricant on the top of the muzzle of the barrel, 1/4" from front top of muzzle (Figure 30-3).

---

8. Manipulate slide back and forth 5 - 10 times.



Figure 30-1



Figure 30-2



Figure 30-3



DO NOT Lubricate These Areas

**CABLE LOCK**

Step 1 - Point gun in safe direction while keeping your finger off the trigger.

Step 2 - Press magazine release and remove magazine.

Step 3 - Pull slide fully to the rear and lock open.

Step 4 - Check to see that no cartridge is in the chamber.

Step 5 - Insert cable through the ejection port and out magazine well.

Step 6 - Lock cable into cable lock.

Step 7 - Grasp slide and ease forward.

**CAUTION: GUNS SHOULD ALWAYS BE LOCKED AND STORED IN COMPLETE COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.**

**This cable lock is supplied as an aid to your security measures.**

**Store key separately away from lock and out of reach of children. Springfield Armory® firearm boxes are also designed for an exterior lock.(Not Included)**



Figure 39-1



## CENTRAL OPERATING GROUP (COG) REMOVAL & INSTALLATION

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## MAGAZINE ASSEMBLY & DISASSEMBLY

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## VARIABLE INTERFACE SYSTEM

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## **WARRANTY**

The manufacturer HS Produkt d.o.o., Mirka Bogovića 7, Karlovac, Republika Hrvatska (hereinafter referred to as manufacturer) gives a warranty on all parts of the product specified in the warranty card (hereinafter referred to as product) to be free from defects in materials and workmanship, subject to the terms of this document.

The purchaser is entitled to rights from liability for material defects according to the Civil Obligations Act of the Republic of Croatia free of charge, and this warranty does not affect the rights from the liability for material defects.

This warranty applies to the product that is purchased in the Republic of Croatia and does not affect on other rights purchaser may have.

The laws of the country where the product was purchased may include other rights that differ from those listed. This warranty does not exclude or limit such statutory provisions.

## **WARRANTY USER AND WARRANTY TERMS**

The manufacturer warrants to original purchaser of the product that the purchased product will be free of defects in workmanship or material under normal use during the warranty period, subject to the terms of this document.

If the warranty conditions are met, the manufacturer or his authorised distributor shall according to its own discretion either (1) repair or service product at no charge, using new or refurbished replacement parts, or (2) replace the product with a new or refurbished product or (3) refund the product.

## **WARRANTY PERIOD**

The warranty is valid for 24 months from the day of purchase of the product

from an authorized seller or distributor. Any claim received outside the warranty period will not be accepted.

### **WARRANTY PROCEDURE**

The warranty rights will be realized under the following conditions. The warranty shall be recognized if the warranty card is filled out correctly, signed and stamped by authorized seller or distributor. The purchaser must submit written notification of defects in workmanship or material to the authorized seller or distributor with a brief description of the potential defect. Otherwise, the purchaser is not entitled to warranty. Any claim received outside the warranty period will not be accepted.

### **WARRANTY EXCLUSIONS**

The manufacturer and his authorized distributor bear no responsibility and will not acknowledge this warranty for damage of the product caused by use of defective or improper ammunition, careless handling of the product, failure to follow the instructions contained in the Operation and safety manual, unauthorized repairs and / or alteration of the product, neglect of product or damage caused in any other way as a result of misuse of the product.